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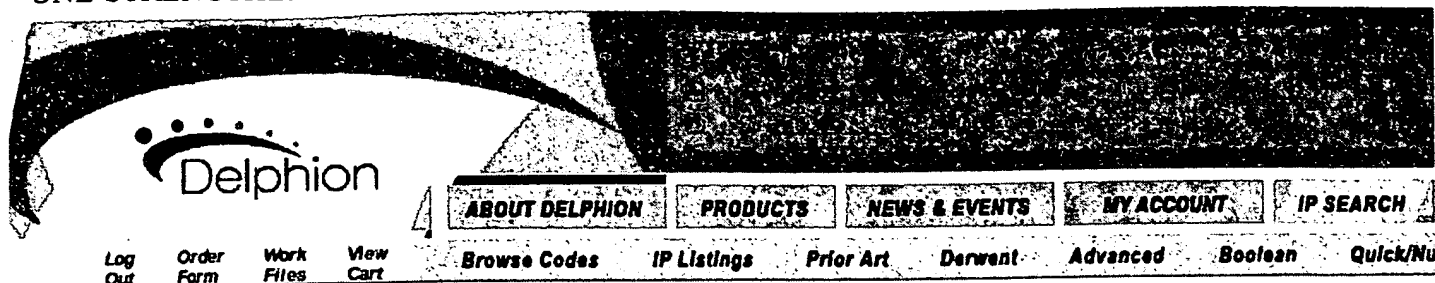
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Title: **JP2000281586A2: BONE-STRENGTHENING AGENT**

Country: **JP Japan**

Kind: **A2 Document Laid open to Public inspection**

Inventor(s): **TOBA YASUHIRO  
TAKADA YUKIHIRO  
SAKURAI TOSHIO  
SATO KAORU  
AOE SEIICHIRO**

Applicant/Assignee: **SNOW BRAND MILK PROD CO LTD**  
News, Profiles, Stocks and More about this company

Issued/Filed Dates: **Oct. 10, 2000 / March 31, 1999**

Application Number: **JP1999000090561**

IPC Class: **A61K 38/16; A61P 19/10; A61P 19/08; A61P 43/00;**

Priority Number(s): **March 31, 1999 JP1999000090561**

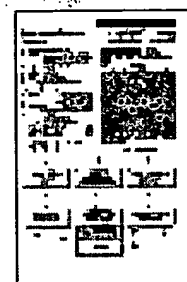
Abstract: **Problem to be solved:** To obtain a bone-strengthening agent useful for prophylactic or treating bone diseases such as osteoporosis by formulating an iron-lactoferrin as an active component.

**Solution:** This bone-strengthening agent contains an iron lactoferrin having at least 3 atoms of iron per every lactoferrin molecule as an active component. The iron lactoferrin is preferably an iron-lactoferrin conjugate and/or an iron-lactoferrin complex in which 10-700 mg of iron is combined with carbonate and/or bicarbonate in an amount of 15 mg or more per 1 g of the lactoferrin. Examples of the iron include ferrous sulfate and ferrous gluconate. The bone-strengthening agent may be compounded together with a component contributing bone-metabolism such as calcium, magnesium, vitamin D, vitamin K or an oligo sugar. The iron-lactoferrin is preferably formulated in such an amount that 1-10 mg of iron can be taken daily by an adult.  
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Family: Show known family members

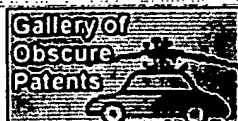
Other Abstract Info: **CHEMABS 133(20)276353Q CHEMABS 133(20)276353Q  
DERABS C2001-065444 DERABS C2001-065444**

Foreign References: **No patents reference this one**



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